

### AMENDMENTS TO THE SPECIFICATION

Please delete the paragraph beginning at page 1, line 3, which starts with "This invention was made ...."

Please replace the paragraph beginning at page 1, line 7, with the following amended paragraph:

-- This application is a divisional of Serial No. 09/397,432, filed on September 17, 1999, **now U.S. Patent No. 6,602,671**, which is a continuation-in-part of Serial No. 09/160,458, filed on September 24, 1998, **now U.S. Patent No. 6,617,583**, and claims priority to the provisional application Serial No. 60/101,046 entitled "Inventory Control" filed on September 18, 1998, each of which is incorporated in its entirety by reference. This application is related to the following application which was filed September 24, 1998 and which is incorporated in its entirety by reference: application Serial No. 09/160,454, **now U.S. Patent No. 6,326,144**, entitled "Biological Applications of Quantum Dots". Additionally, this application is also related to the following application, which was filed on September 18, 1998, and which is incorporated in its entirety by reference: application Serial No. 09/156,863, **now U.S. Patent No. 6,251,303**, entitled "Water Soluble ~~Luminescent~~ **Fluorescent** Nanocrystals".--

Please add the following new paragraph after the paragraph ending at page 1, line 21.

-- This invention was made with U.S. government support under Contract Number 94-00334 awarded by the National Science Foundation. The U.S. government has certain rights in the invention.--

Please replace the paragraph beginning at page 14, line 25 with the following amended paragraph:

-- Exemplary materials for use as semiconductor nanocrystals in the present invention include, but are not limited to group [[II-IV]] **II-VI**, III-V and group IV semiconductors such as ZnS, ZnSe, ZnTe, CdS, CdSe, CdTe, GaN, GaP, GaAs, GaSb, InP, InAs, InSb, AlS, AlP, AlSb, PbS, PbSe, Ge and Si and ternary and quaternary mixtures thereof. The semiconductor

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nanocrystals are characterized by their uniform nanometer size. By "nanometer" size, it is meant less than about 150 Angstroms (A), and preferably in the range of 12-150 A. --